



AU4 SURFACE MOUNT

The AU4 is ideal for use in areas with low ceilings, or where the fixture needs to be low profile on a wall. The AU4 is ideal for areas such as underground parking, canopies, security and perimeter areas, entrance ways, walkways and areas with high abuse.

HOUSING Die cast aluminum housing with a polyester powder coat finish in bronze, black or white.

LENS Standard unit comes with a clear polycarbonate diffuser, complete with gasket and stainless steel screws. Can also be supplied in prismatic and smooth white acrylic.

SOCKETS Side mount for PL units and for High Pressure Sodium option a medium base 4KV pulse-rated socket with a nickel-plated screw shell and a spring-loaded centre contact.

LAMPS Single end PL lamps. Clear medium base High Pressure Sodium lamps. Lamps included in all units.

BALLAST For High Pressure Sodium units, ballasts are 120 volts normal power factor. For CFL option, all ballasts are 120 volt electronic.

FINISH Polyester powder coat finish. Standard colours are bronze, white and black.

MOUNTING surface mount over a 4" outlet box for indoor/outdoor applications.

OPTIONS Tamper proof hardware.



Catalog Code

AU4

13-2PL 18PLT 26PLT 32PLT
35HPS 50HPS

LAMP

120 120NPF*

VOLTAGE

CL - CLEAR POLY LENS
WH - WHITE ACRYLIC LENS

LENS

BRZ - BRONZE
WH - WHITE
BLK - BLACK

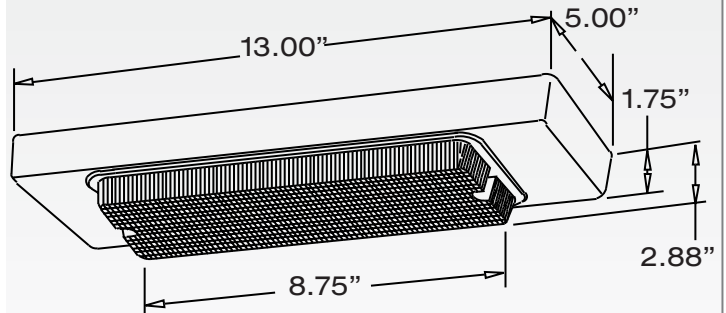
FINISH

TP - TAMPER PROOF
HARDWARE

OPTIONS

* FOR HIGH PRESSURE SODIUM OPTION ONLY

Dimensions



CATALOG NUMBER:

FILENAME: AU435HPS.IES

3961

DESIGN ELECTRICAL INDOOR/OUTDOOR LUMINAIRE CAT. NO. AU4-35HPS
WITH SEMI-SPECULAR REFLECTOR AND PRISMATIC DROP LENS
ONE 35W CLEAR HPS LAMP. LUMEN RATING = 2250 LMS.

SUMMARY DATA

EFFICIENCY (Total): 53.9 %
EFFICIENCY (Downlight): 49.9 %
EFFICIENCY (Uplight): 4.0 %
CIE CLASSIFICATION: DIRECT
SPACING CRITERION (180-Deg.): 1.66
LUMENS/LAMP: 2250
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
INPUT WATTS: 38.5
RP-1-93 VDT CONFORMANCE: NON-CONFORMING

ZONAL LUMEN SUMMARY

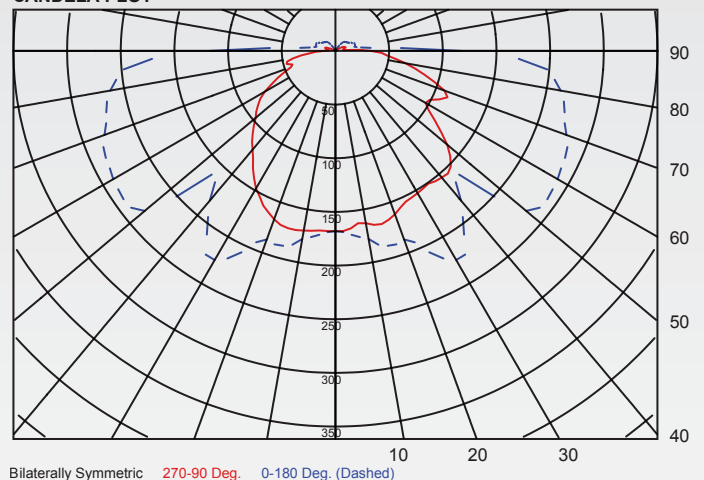
Zone	Lumens	% Lamp	% Luminaire
0 - 30	157.0	7.0	12.9
0 - 40	280.9	12.5	23.1
0 - 60	608.8	27.1	50.2
60 - 90	514.0	22.8	42.4
0 - 90	1122.8	49.9	92.5
90 - 180	90.7	4.0	7.5
0 - 180	1213.5	53.9	100.0

AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	90	112.5	135	157.5	180	202.5	225	247.5	270
0	7306	7306	7306	7306	7306	7306	7306	7306	7306
45	7705	7874	8112	7077	6752	7278	7618	6806	5525
55	6567	8924	11162	11095	10797	10750	11340	8286	5114
65	7555	8705	10797	11179	11906	11179	10997	7970	4166
75	8045	9412	11528	12251	13218	11630	9991	7820	4397
85	6966	9750	13221	14645	15103	12876	11343	8450	3338

CANDELA PLOT



COEFFICIENT OF UTILIZATION TABLE

Effective Floor cavity Reflectance = 20%

Pcc ...	80				70				50			30			10			0
Pw ...	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	.63	.63	.63	.63	.61	.61	.61	.61	.58	.58	.58	.54	.54	.54	.51	.51	.51	.50
1	.54	.50	.47	.44	.52	.49	.46	.43	.46	.43	.40	.43	.41	.38	.40	.38	.37	.35
2	.48	.42	.37	.33	.46	.41	.36	.32	.38	.34	.31	.35	.32	.29	.33	.30	.28	.26
3	.43	.36	.30	.26	.41	.35	.29	.25	.32	.28	.24	.30	.26	.23	.28	.25	.22	.21
4	.39	.31	.25	.21	.37	.30	.25	.20	.28	.23	.20	.26	.22	.19	.24	.21	.18	.17
5	.35	.27	.21	.17	.34	.26	.21	.17	.25	.20	.16	.23	.19	.16	.22	.18	.15	.14
6	.32	.24	.19	.15	.31	.23	.18	.14	.22	.17	.14	.21	.17	.13	.19	.16	.13	.12
7	.30	.22	.16	.13	.29	.21	.16	.12	.20	.15	.12	.19	.15	.12	.17	.14	.11	.10
8	.28	.20	.14	.11	.27	.19	.14	.11	.18	.14	.10	.17	.13	.10	.16	.12	.10	.09
9	.26	.18	.13	.10	.25	.17	.13	.10	.16	.12	.09	.16	.12	.09	.15	.11	.09	.08
10	.24	.16	.12	.09	.23	.16	.11	.09	.15	.11	.08	.14	.11	.08	.14	.10	.08	.07

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